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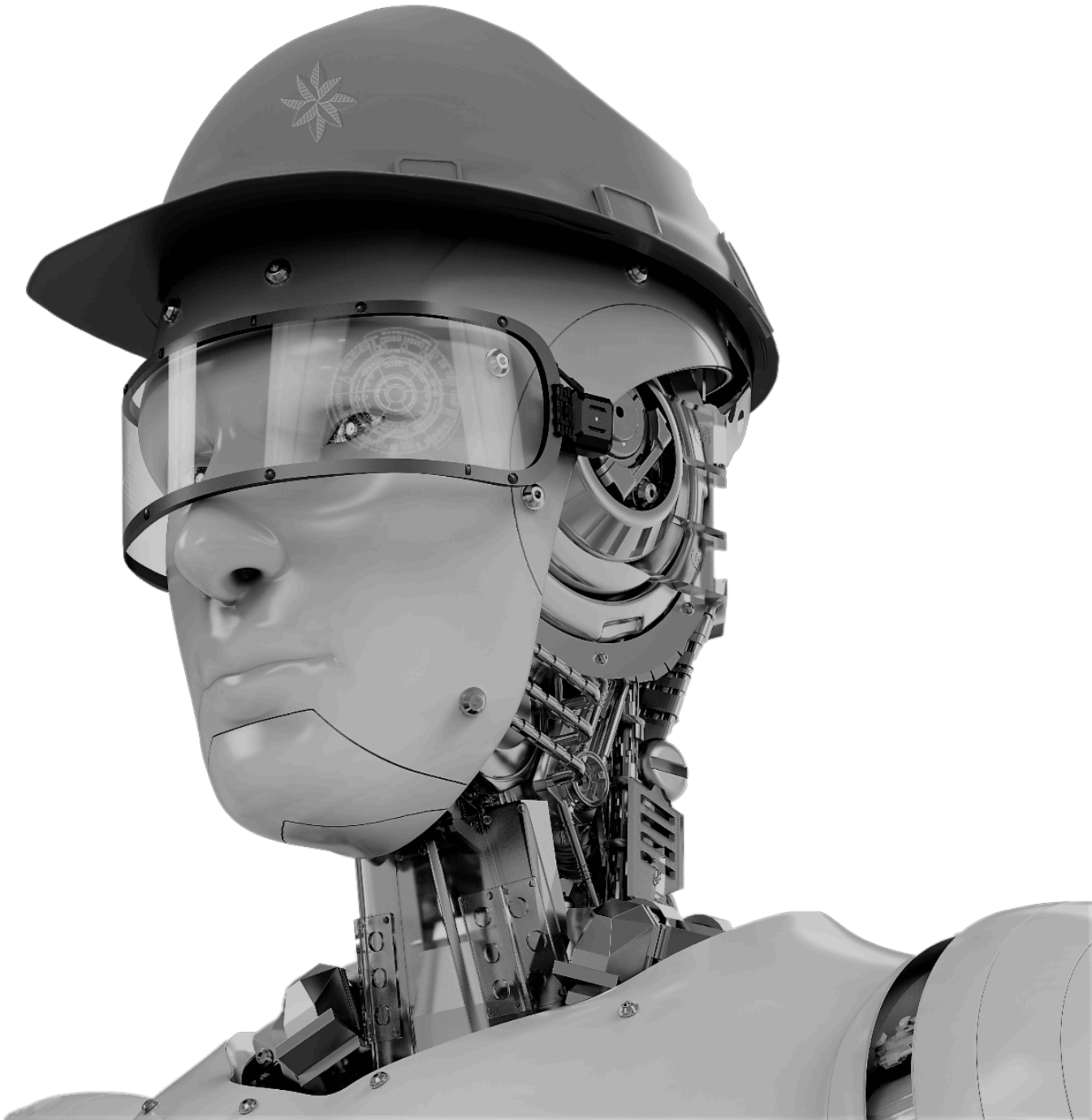
White House Call-out to Artificial Intelligence Companies

March 25, 2020

President Asks AI Companies to Comb through Research on Covid-19

Artificial Intelligence battling COVID-19 (finding uses in both environmental & health protection)

—“Pattern recognition across voluminous and sometimes unrelated datasets, whether its environmental datasets or health datasets, is one of machine-learning’s greatest attributes.”—Jed Anderson, Creator, Ceres AI



The White House has issued “a call to action to the Nation’s artificial intelligence experts to develop new text and data mining techniques that can help the science community answer high-priority scientific questions related to COVID-19.” (see request (http://r2o.rs6.net/tn.jsp?f=001rkZjjcdoFZIEMD99OGTXvpfxoHzcjNbWdnilZwLUn7Kjj1IZoEuwGoFRIYYhoi2b_rGVAqIEpzQMp7Bar5j6NYXWnRIBWSsUeDLXuvZJCbQiIxenX8MxNa))

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Stanford University bringing together AI experts for virtual conference April 1 (

How can AI help battle Covid-19 according to Stanford?

---“AI is extremely good at finding patterns across multiple data types. For example, we’re now able to analyze patterns of human response to the pressures of the pandemic as measured through sentiments on social media, and even patterns in geospatial data to see where social distancing may and may not be working. And, of course, we are using AI to look for patterns in the genome of the virus and its biology to see where we can attack it.

This interdisciplinary conference will show how the availability of molecular, cellular and genomic data, patient and hospital data, population data – all of that can be harnessed for insight. We’ve always examined these data sources through more traditional methods. But now for the first time, and at a critical time of global crisis, we have the ability to use AI to look deeper into data and see patterns that were otherwise not visible previously, including the social and cultural impact of this pandemic. This is what will enable us to work together as a scholarly, scientific community to help the future of humankind.” —Stanford University

Stanford
University

MARCH 20, 2020

Stanford virtual conference to focus on COVID-19 and artificial intelligence

Scholars and researchers from Stanford and beyond will gather virtually for an April 1 conference open to all. The aim of the conference is to make interdisciplinary research on the novel coronavirus and artificial intelligence available to serve the public in a time of crisis.



BY STACY PEÑA

The impact of COVID-19 on society and the way artificial intelligence can be leveraged to increase understanding of the virus and its spread will be the focus of an April 1 virtual conference sponsored by the Stanford Institute for Human-Centered Artificial Intelligence (HAI).

COVID-19 and AI: A Virtual Conference, which is open to the public, will convene experts from Stanford and beyond. It will be livestreamed to engage the broad research community, government and international organizations, and civil society.

Russ Altman, one of the conference chairs, is an associate director of HAI and the Kenneth Fong Professor and professor of bioengineering, of genetics, of medicine, of biomedical data science, and, by courtesy, of computer science. He is also the host of the Sirius radio show *The Future of Everything*. He discusses the aims of the conference.



Russ Altman

(Image credit: Courtesy Russ Altman)

Taiwan Setting Example According to ABC News and Stanford Study ... using
Artificial Intelligence to Help Fight Covid-19

Article excerpt:

“Taiwan, one of the countries that got it right according to a [“Taiwan’s government learned from its 2003 SARS experience and established a public health response mechanism for enabling rapid actions for the next crisis.” ABC news](http://r20.rs6.net/tn.jsp?f=001rkZjjcdoFZIEMD99OGTXvpfxoHzcjNbWdnilZwLUn7Kjj1IZoEuwGoFRIYYhoi2bqayHHhoD-q_I3yww4ilpJCC1cJl7D7MECGBSTBX7nZ53MQOKEjY9S-WsbYMOYao3queY3AziNa--QefuhhszI-ABOYWovfIgz1mT1PiHRjxr1qybXdr3ow==&c=&ch=) by Stanford Health Policy, used AI, big data and analytics to track and manage the disease in combination with proactive testing.</p></div><div data-bbox=)



Taiwan sets example for world on how to fight coronavirus

Response to COVID-19 in Taiwan Big Data Analytics, New Technology, and Proactive Testing

More

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COVID-19 Resource Center

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Taiwan is 81 miles off the coast of mainland China and was expected to have the second highest number of cases of coronavirus disease 2019 (COVID-19) due to its proximity to and number of flights between China.¹ The country has 23 million citizens of which 850 000 reside in and 404 000 work in China.^{2,3} In 2019, 2.71 million visitors from the mainland traveled to Taiwan.⁴ As such, Taiwan has been on constant alert and ready to act on epidemics arising from China ever since the severe acute respiratory syndrome (SARS) epidemic in 2003. Given the continual spread of COVID-19 around the world, understanding the action items that were implemented quickly in Taiwan and assessing the effectiveness of these actions in preventing a large-scale epidemic may be instructive for other countries.

COVID-19 occurred just before the Lunar New Year during which time millions of Chinese and Taiwanese were expected to travel for the holidays. Taiwan quickly mobilized and instituted specific approaches for case identification, containment, and resource allocation to protect the public health. Taiwan leveraged its national health insurance database and integrated it with its immigration and customs database to begin the creation of big data for analytics; it generated real-time alerts during a clinical visit based on travel history and clinical symptoms to aid case identification. It also used new technology, including QR code scanning and online reporting of travel history and health symptoms to classify travelers' infectious risks based on flight origin and travel history in the past 14 days. Persons with low risk (no travel to level 3 alert areas) were sent a health declaration border pass via SMS (short message service) messaging to their phones for faster immigration clearance; those with higher risk (recent travel to level 3 alert areas) were quarantined at home and tracked through their mobile phone to ensure that they remained at home during the incubation period.

Ceres AI™

Environmental A. I.



More Information on Ceres AI (http://r20.rs6.net/tn.jsp?f=001rkZjjcdoFZIEMD99OGTXvpfxoHzejNbWdnilZwLUn7Kjj1IZoEuwG5Z9F8PFzvD15mCF_oudoq6fkNnE7nr6DoYpmGJ8W3xwPpgiGLDg_2oq_MoPYRCNikcTaU26pMn99VvQpvFF-PIoqp3LHdXUAg==&c=&ch=)

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Original source: Constant Contact campaign

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Source on GitHub: [/src/content/posts/white-house-call-out-to-artificial-intelligence-companies.md](https://github.com/jedanderson432/jedanderson-site/blob/main/src/content/posts/white-house-call-out-to-artificial-intelligence-companies.md) (<https://github.com/jedanderson432/jedanderson-site/blob/main/src/content/posts/white-house-call-out-to-artificial-intelligence-companies.md>)